

CLAIM AMENDMENTS

Claims 1-15 (Cancelled)

Claim 16. (New Claim)

A separation material for sequentially separating enantiomers from a fluid solution containing said enantiomers wherein a fluid containing said enantiomers comes in contact with said material to cause said enantiomers to sequentially separate one from another, said material being a macrocyclic antibiotic chemically bonded by a spacer to a support and said macrocyclic antibiotic is selected from the group consisting of aplasmomycin, baromycin, enterobactin, bebeerines and derivatives thereof, said macrocyclic antibiotic interacting with said enantiomers to cause sequential separation by means of more than one of the following mechanisms: complexation, charge-charge interaction, hydrogen bonding, inclusion in a hydrophobic pocket, dipole stacking, or steric interaction.

Claim 17. (New Claim)

The separation material of Claim 16 wherein said support is selected from the group consisting of silica gel, alumina, polystyrenes, polyurethanes, polyvinyl alcohols, polyamides, agarose, cellulose, dextran and linear and branched amylose.